

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1 PRODUCT IDENTIFIER

Product Identity: Optilux® Enhanced Reflective Plastisol 507

Alternate Names: Optilux®, 507, Plastisol screen printing inks.

1.2 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Intended Use: Screen printing.

Application Method: See Product Bulletin.

1.3 DETAILS OF THE MANUFACTURER/SUPPLIER OF THE SAFETY DATA SHEET

Company Name:

*International Coatings Company, Inc.
13929 166th Street
Cerritos, CA 90703*

Customer Service: International Coatings Company, Inc. - (562) 926-1010

24 Hour Emergency Telephone Number - (800) 255-3924

2. HAZARD IDENTIFICATION OF THE PRODUCT

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

No applicable GHS categories.

2.2 LABEL ELEMENTS

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.

No applicable GHS categories.

PREVENTION

No GHS prevention statements

RESPONSE

No GHS response statements

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STORAGE

No GHS storage statements

DISPOSAL

No GHS disposal statements

3. COMPOSITION/INFORMATION ON INGREDIENTS

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage

4. FIRST AID MEASURES

4.1 DESCRIPTION OF FIRST AID MEASURES

GENERAL:

In all cases of doubt, or when symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

INHALATION:

Remove to fresh air, keep patient warm and at rest. Seek medical attention if symptoms persist.

EYES:

Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention if symptoms persist.

SKIN:

Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser. Seek medical attention if symptoms persist.

INGESTION:

Seek medical attention.

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4.2. MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

Seek medical attention for persisting symptoms.

OVERVIEW:

No known chronic or acute health risks. See section 2 for further details.

5. FIRE-FIGHTING MEASURES

5.1. EXTINGUISHING MEDIA

Recommended extinguishing media: CO₂, extinguishing powder or water spray. Fight larger fires with water spray..

5.2. SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE

Hazardous decomposition products may include: Hydrogen chloride, carbon monoxide and carbon dioxide. Do not breathe mist / vapors / spray.

5.3. ADVICE FOR FIRE-FIGHTERS

In the event of fire, wear full protective clothing and NIOSH Approved Self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Move container from fire area if it can be done without risk. Use water to keep fire exposed containers cool and disperse vapors.

ERG Guide No: ---

6. ACCIDENTAL RELEASE MEASURES

6.1. PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear protective equipment as listed in Section 8 during clean up operations.

6.2. ENVIRONMENTAL PRECAUTIONS

Do not allow spills to enter drains or waterways. Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.3. METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8.

Contain and absorb spillage with non-combustible materials e.g. sand, earth, vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations. (See section 13).

Clean, preferably with a detergent. Do not use solvents. Do not allow spills to enter drains or watercourses. If drains, sewers, streams or lakes are contaminated, inform the local water company immediately.

7. HANDLING AND STORAGE

7.1. PRECAUTIONS FOR SAFE HANDLING

Normal, good industrial hygiene practices. See section 2 for further details. - [Prevention]:

7.2. CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Handle containers carefully to prevent damage and spillage. Store in cool dry place. See section 2 for further details. - [Storage]: Incompatible materials: see section 10 for further details. see section 10 for further details.

7.3. SPECIFIC END USE(S)

No data available.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

8.1. CONTROL PARAMETERS

EXPOSURE DATA

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

8.2. EXPOSURE CONTROLS

See section 2 for further details. - [Prevention]:

No GHS prevention statements

RESPIRATORY

Wear NIOSH/MSHA approved respiratory protection if necessary, or use a respirator to supply air at positive pressure. Wear respiratory protection in accordance with local regulations.

EYES

Wear safety eyewear, e.g. safety spectacles, goggles or visors to protect against the splash of liquids.

SKIN

Avoid skin contact. May be harmful in contact with skin.

ENGINEERING CONTROLS

Ensure access to showers, eyewash stations, and ventilation systems.

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OTHER WORK PRACTICES

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. PROPERTIES

APPEARANCE:	Smooth thick liquid
ODOR:	Mild ester odor
ODOR THRESHOLD:	No information available
pH:	No information available
MELTING AND FREEZING POINTS:	No information available
INITIAL BOILING POINT AND BOILING RANGE:	>420°F #5mmhg
FLASH POINT:	>400°F C.O.C.
EVAPORATION RATE:	No information available
FLAMMABILITY:	No information available
LOWER EXPLOSIVE LIMIT:	No information available
UPPER EXPLOSIVE LIMIT:	No information available
VAPOR PRESSURE (Pa):	No information available
VAPOR DENSITY:	No information available
SPECIFIC GRAVITY:	1.60 – 1.70
SOLUBILITY IN WATER:	No information available
PARTITION COEFFICIENT:	No information available
AUTO-IGNITION TEMPERATURE:	No information available
DECOMPOSITION TEMPERATURE:	No information available
VISCOSITY (cSt):	No information available
VOC%:	< 0.1 lbs/gallon
%VOLATILE:	<1.0

9.2 OTHER INFORMATION

No other relevant information.

10. STABILITY AND REACTIVITY

10.1. REACTIVITY

No data available

10.2. CHEMICAL STABILITY

Stable under normal circumstances

10.3. POSSIBILITY OF HAZARDOUS REACTIONS

None under normal circumstances

10.4. CONDITIONS TO AVOID

Temperature extremes, direct sunlight

10.5. INCOMPATIBLE MATERIALS

None

10.6. HAZARDOUS DECOMPOSITION PRODUCTS

None under normal circumstances.

11. TOXICOLOGICAL INFORMATION

INGREDIENT DATA

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

PRODUCT DATA

Acute toxicity, oral,	Category N/A; No applicable hazard description.
Acute toxicity, dermal,	Category N/A; No applicable hazard description.
Acute toxicity, inhalation,	Category N/A; No applicable hazard description.
Skin corrosion/irritation,	Category N/A; No applicable hazard description.
Serious eye damage/irritation,	Category N/A; No applicable hazard description.
Respiratory sensitization,	Category N/A; No applicable hazard description.
Skin sensitization,	Category N/A; No applicable hazard description.
Germ cell mutagenicity,	Category N/A; No applicable hazard description.
Carcinogenicity,	Category N/A; No applicable hazard description.
Reproductive toxicity,	Category N/A; No applicable hazard description.
STOT – single exposure,	Category N/A; No applicable hazard description.
STOT – repeated exposure,	Category N/A; No applicable hazard description.
Aspiration hazard,	Category N/A; No applicable hazard description.

12. ECOLOGICAL INFORMATION

12.1. TOXICITY

No additional information provided for this product. See Section 3 for chemical specific data.

AQUATIC ECOTOXICITY

There are no ingredients in this product which are classified as hazardous, and/or no hazardous ingredients above the GHS cut off percentage.

12.2. PERSISTENCE AND DEGRADABILITY

No information available

12.3. BIOACCUMULATIVE POTENTIAL

No information available

12.4. MOBILITY IN SOIL

No information available

12.5. RESULTS OF PBT AND VPVB ASSESSMENT

This product contains no PBT/vPvB chemicals.

12.6. OTHER ADVERSE EFFECTS

No information available.

13. DISPOSAL CONSIDERATIONS

Observe all federal, state and local regulations when disposing of this substance. Do not reuse containers.

14. TRANSPORT INFORMATION

14.1. UN NUMBER

DOT (Domestic Surface Transportation): Not applicable.

IMO / IMDG (Ocean Transportation): Not applicable.

ICAO/IATA (Air Transportation): Not applicable.

14.2. UN PROPER SHIPPING NAME

DOT (Domestic Surface Transportation): Not regulated.

IMO / IMDG (Ocean Transportation): Not regulated.

ICAO/IATA (Air Transportation): Not regulated.

14.3. TRANSPORT HAZARD CLASS(ES)

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DOT (Domestic Surface Transportation): Not applicable.
IMO / IMDG (Ocean Transportation): Not applicable.
ICAO/IATA (Air Transportation): Not applicable.

14.4. PACKING GROUP

DOT (Domestic Surface Transportation): Not applicable.
IMO / IMDG (Ocean Transportation): Not applicable.
ICAO/IATA (Air Transportation): Not applicable.

14.5. ENVIRONMENTAL HAZARDS

IMDG Marine Pollutant: No

14.6. SPECIAL PRECAUTIONS FOR USER

No further information

15. REGULATORY INFORMATION

REGULATORY OVERVIEW

The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.

TOXIC SUBSTANCE CONTROL ACT (TSCA)

All components of this material are either listed or exempt from listing on the TSCA Inventory.

WHMIS CLASSIFICATION

None

US EPA TIER II HAZARDS

Fire: No
Sudden Release of Pressure: No
Reactive: No
Immediate (Acute): No
Delayed (Chronic): No

EPCRA 311/312 CHEMICALS AND RQS (LBS)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

EPCRA 302 EXTREMELY HAZARDOUS

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

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EPCRA 313 TOXIC CHEMICALS

Aluminum (Al)

PROPOSITION 65 - CARCINOGENS (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 - DEVELOPMENTAL TOXINS (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 - FEMALE REPRO TOXINS (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 - MALE REPRO TOXINS (>0.0%)

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

PROPOSITION 65 - LABEL

This product contains no chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

NEW JERSEY RTK SUBSTANCES (>1%)

Aluminum (Al) in paste form.

Chloroethylene, polymer.

Diethyl adipate.

PENNSYLVANIA RTK SUBSTANCES (>1%)

Aluminum (Al) in paste form.

Diethyl adipate.

16. OTHER INFORMATION

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is: Not applicable.

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Changes from previous versions:

Updated all sections and formatting.

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International Coatings Co., Inc. believes to the best of its knowledge that the information provided herein, is factual and the recommendations made are accurate as of the date shown. However, no representation or warranty is made as to their completeness or accuracy.

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